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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/695,259	10/25/2000	Young-Gi Kim	P-138	2638

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EXAMINER

ANWAH, OLISA

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 06/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/695,259

Applicant(s)

KIM, YOUNG-GI

Examiner

Olisa Anwah

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 May 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 11 is/are rejected.
- 7) ☒ Claim(s) 3-10 and 12-19 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2. Claims 1, 2 and 11 are rejected under 35 U.S.C. § 102(e) as being anticipated by Bartholomew et al, U.S. Patent No. 6,215,858 (hereinafter Bartholomew).

Regarding claim 1, Bartholomew discloses in a network having a VMS (see Figure 8) with a plurality of data and voice processing boards (see the VPUs (unit 125 of Figure 5) of 404 from Figure 8) performing the same function and a plurality of external servers (see the digital mass storage units (lines 20-30 of column 15) of 406 from Figure 8), a system for unifying multiple connection ports, comprising:

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an external input/output controller (see 408 or 410 from Figure 8) (EIOC) configured to provide unified network connection point between the plurality of boards and the plurality of external servers by routing messages from any one of the plurality of boards to any one of the external servers and by routing messages from any one of the plurality of servers to any one of the plurality of boards,

wherein the EIOC checks a header of a message when the message is transferred from one of the plurality of boards of the VMS to the EIOC or from one of the external servers to the EIOC, to determine the destination address of the message (see columns 28 and 29).

Regarding claim 2, see Figure 8.

Regarding claim 11, Bartholomew discloses a method of unifying multiple connection ports in a network that includes a VMS (see Figure 8) having a plurality of data and call processing boards (see the VPUs (unit 125 of Figure 5) of 404 from Figure 8), and a plurality of external servers (see the digital mass storage units (lines 20-30 of column 15) of 406 from Figure 8), comprising:

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a forward message transfer (sending a message from unit 404 to unit 406) comprising:

checking the header of a message with an external input/output controller (see 408 or 410) (EIOC), when the message is transferred from one of the plurality of boards of the VMS to the EIOC, to determine the destination address of the message, and

transferring the message to one of the plurality of external servers based on the determined destination address; and

a backward message transfer (sending a message from unit 406 to unit 404) comprising:

checking the header of a message with the external input/output controller (EIOC), when the message is transferred from one of the external servers to the EIOC, to determine the destination address of the message, and

transferring the message to one of the plurality of boards of the VMS based on the determined destination address (see columns 28 and 29).

Allowable Subject Matter

4. Claims 3, 7, 10, 12 and 18 are objected to as being dependent upon a rejected base claim, but would be allowable if

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rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

5. Applicant's arguments have been considered but are deemed to be moot in view of the new grounds of rejection.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olisa Anwah whose telephone number is 571-272-7533. The examiner can normally be reached on Monday to Friday from 8.30 AM to 6 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on 571-272-7547. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

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O.A.
Olisa Anwah
Patent Examiner
June 6, 2006



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